

## **AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

### **1. (Currently Amended)** A statistic information extraction method comprising:

a first step of setting in a table a packet type, a pattern extraction position within a header of a received packet corresponding to the packet type, and a retrieval pattern corresponding to the pattern extraction position ~~which are selectable~~, the packet type, the pattern extraction position and the retrieval pattern being selected in accordance with a user policy;

a second step of extracting a ~~retrieval~~ pattern from received packets, based on the pattern extraction position set in the table when the received packet corresponds to the packet type set in the table; and

a third step of storing statistic information of the ~~extracted-retrieval~~ pattern extracted from the received packets, when the ~~extracted-retrieval~~ pattern extracted from the received packets ~~meets~~ matches the retrieval pattern set in the table.

**2. (Original)** The statistic information extraction method as claimed in claim 1, wherein the first step sets in the table whether or not the received packet should be made a learning object, and the second step adds to the table a pattern unable to be retrieved if the received packet is set as the learning object in the table when the pattern is unable to be retrieved.

### **3. – 6. (Cancelled)**

**7. (Original)** The statistic information extraction method as claimed in claim 1, wherein the third step counts the retrieved pattern, and makes the count the statistic information.

**8. (Currently Amended)** A statistic information extraction device comprising:

a first means setting in a table a packet type, a pattern extraction position within a header of a received packet corresponding to the packet type, and a retrieval pattern corresponding to the pattern extraction position ~~which are selectable~~, the packet type, the pattern extraction position and the retrieval pattern being selected in accordance with a user policy;

a second means extracting a ~~retrieval~~ pattern from received packets, based on the pattern extraction position set in the table when the received packet corresponds to the packet type set in the table; and

a third means storing statistic information of the ~~extracted retrieval~~ pattern extracted from the received packets, when the ~~extracted retrieval~~ pattern extracted from the received packets ~~meets~~ matches the retrieval pattern set in the table.

**9. (Original)** The statistic information extraction device as claimed in claim 8, wherein the first means sets in the table whether or not the received packet should be made a learning object, and the second means adds to the table a pattern unable to be retrieved if the received packet is set as the learning object in the table when the pattern is unable to be retrieved.

**10. - 13 (Cancelled)**

**14. (Original)** The statistic information extraction device as claimed in claim 8, wherein the third means counts the retrieved pattern, and makes the count the statistic information.